Project #

12SF073

Site Name:

Dimock Residential Groundwater

U.S. EPA Region 6 Laboratory

Laboratory Report Approval and Release Authorization

Signing the approval below indicates that the data for the above named site/activity number has been reviewed. All data is complete for the samples received and quality control is within acceptable limits. Any exceptions have been noted in the comments section.

REPORT APPROVALS	COMMENTS
•	
	· -
David Stockton Date Inorganic Team Leader	
morganic ream seader	
Manue Hard 328/12 Diane Gregg Date	
Organic Team Leader	
Melvin Ritter Date	
Laboratory Support Team Leader	·
Sylvia Gorostiza OA Coordinator Sylvia Gorostiza OA Coordinator	3
•	
Manaka Ukasakan	
Marvelyn Humphrey Date Associate Branch Chief	
, lossific Branch Child	
REPORT RELEASE AUTHORIZATION	COMMENTS
Robond Mylle 3/30)	/2
Richard McMillin Date	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Laboratory

10625 Fallstone Rd, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

WORK ORDER

Printed: 3/7/2012 12:06:29PM

1203005

U.S. EPA, Region 6 ATTN: Christy Warren

Client: R6 Regional Support

Project: Dimock Residential Groundwater Site

Project Manager: Christy Warren

Project Number: 12SF073

Report To:

R6 Regional Support Cynthia Caporale (3EA21)

10625 Fallstone Road Houston, TX 77099

Phone: (281) 983-2100 Fax: (281) 983-2248

GPRA Code:

Cerclis Number:

Site Spill ID:

Date Due:

03/28/12 15:00 (15 day TAT)

Received By:

Isaiah Harris

Date Received:

03/07/12 09:50

Logged In By:

Intact

Christy Warren

Date Logged In:

Prelim results ASAP. Final hardcopy TAT = 21 days

03/07/12 11:59

Samples Received at: 6°C

Package Custody Seal Yes On Ice

Sample Custody Seals Yes

Yes

Sample Tags Chain of Custody Yes

Yes

Preserved

No No

Due	TAT	Expires	Comments	
oled 03/05/12 09:	36 Centra	1		
3/28/12	15	03/12/12 09:36		
pled 03/05/12 16	:54 Centr	al	Extra volume for QC	
3/28/12	15	03/12/12 16:54		
pled 03/05/12 12	:25 Centra	al		
3/28/12	15	03/12/12 12:25		
	pled 03/05/12 09:: 3/28/12 npled 03/05/12 16 3/28/12 npled 03/05/12 12	pled 03/05/12 09:36 Centra 3/28/12 15 ppled 03/05/12 16:54 Centra 3/28/12 15 ppled 03/05/12 12:25 Centra	pled 03/05/12 09:36 Central 3/28/12 15 03/12/12 09:36 appled 03/05/12 16:54 Central 3/28/12 15 03/12/12 16:54 appled 03/05/12 12:25 Central	pled 03/05/12 09:36 Central 3/28/12

jotz Warren

EPA Region 6 Laboratory

Sample Log In/Corrective Action Form

Site Name: Dimock Re Project Number/Work Order Number	•				Date Received: <u>3</u> - 03005 (01-03)			7/:	50	_
Number of Coolers:			,				e de la companya de l			
Delivered By:	Fed Ex Airborne		USPS		Hand Delivered		UPS		Other	
Ice Chest Custody Seal:	Intact		Not-Intact		Absent		Not Applicable			
Ice Chest Packing:	Ice		Vermiculite	7	Zip Lock Bags		Bubble Wrap		Other	-
Condition of Samples:	Intact		Leaking		Broken					T
Sample Custody Seals:	Intact		Not Intact		Absent	_				Τ
Chain of Custody:	Present		Absent							
Sample Tags:	Present		Absent		-					T
Is the Sample Tag Marked for Chemical Preservation (if required):	Yes		No		Not Applicable					
Is the Sample Tag Marked with the correct chemical preservation? (if required):	Yes		No		Not Applicable				-	
Comments:	3-7-12									,
Project Officer (PO):	<u> </u>		Phone #:			_				
Notified PO of any discrepancies/pro	(Date)	by .	(Initial)							

DIM0200959

DIM0200957

Page 1 of 1

USEPA CLP Generic COC (LAB COPY)

DateShipped: 3/6/2012 CarrierName: FedEx AirbillNo: 7981 3489 3053

CHAIN OF CUSTODY RECORD

Case #: CT5928

No: 3-030612-085615-0247

Lab: EPA R6 Laboratory Lab Contact: Christy Warren Lab Phone: 2819832137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
FB19	Aqueous/	Grab	Ethylene Glycol, Ethylene Glycol	19052 (-NA- / 40mlGlassVial), 19053 (-NA- / 40mlGlassVial) (2)	FB19	03/05/2012 09:36	
HW56	Drinking Water/	Grab	Ethylene Glycol, Ethylene Glycol, Ethylene Glycol, Ethylene Glycol, Ethylene Glycol, Ethylene Glycol, Ethylene Glycol	19119 (-NA- / 40mlGlassVial), 19120 (-NA- / 40mlGlassVial), 19138 (-NA- / 40mlGlassVial), 19139 (-NA- / 40mlGlassVial), 19140 (-NA- / 40mlGlassVial) (6)	HW56	03/05/2012 16:54	
HW60	Drinking Water/	Grab	Ethylene Glycol, Ethylene Glycol	19085 (-NA- / 40mlGlassVial), 19086 (-NA- / 40mlGlassVial) (2)	HW60	03/05/2012 12:25	
,			·				
							·
		-					

	·	Shipment for Case Complete? N
Sample(s) to be used for Lab QC: HW56		Samples Transferred From Chain of Custody #
· ·		
Analysis Key		

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
10		3/6/12	I saigh Harris	3/7/12	9:50						

Sample Temp: 6°C

From: (304) 230-1230

Origin ID: BGMA

Sample Management_Dim

TechLaw, Inc. 63 PENNFIELD RD

MONTROSE, PA 18801



J1210111219022 BILL SENDER

SHIP TO: (281) 983-2137
Christy Warren
U.S. EPA Region 6 Laboratory
10625 FALLSTONE RD
SAMPLE CONTROL CENTER
HOUSTON, TX 77099

Ship Date: 06MAR12 ActWgt: 10.0 LB CAD: 8747913/INET3250

Delivery Address Bar Code



Ref#

TL01-11-12-00

Invoice # PO # Dept #

0201

WED - 07 MAR A2 PRIORITY OVERNIGHT

ASR

77099 TX-US

IAH

XH SGRA

7981 3489 3053



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Laboratory

10625 Fallstone Rd, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

WORK ORDER

Printed: 3/8/2012 10:58:11AM

1203007

U.S. EPA, Region 6 ATTN: Christy Warren

Client: R6 Regional Support

Project: Dimock Residential Groundwater Site

Project Manager: Christy Warren

Project Number: 12SF073

Report To:

R6 Regional Support

Cynthia Caporale (3EA21)

10625 Fallstone Road

Houston, TX 77099 Phone: (281) 983-2100 Fax: (281) 983-2248

Date Due:

04/06/12 15:00 (21 day TAT)

Received By:

On Ice

Isaiah Harris

Date Received:

GPRA Code:

Site Spill ID:

Cerclis Number:

03/08/12 09:00

Logged In By:

Isaiah Harris

Date Logged In:

Prelim results ASAP. Final hardcopy TAT = 21 days

03/08/12 10:47

Samples Received at: Package Custody Seal

4°C

Yes

Sample Tags Chain of Custody

Yes Yes

Intact

Preserved No

Yes Sample Custody Seals No

Analysis	Due	TAT	Expires	Comments	
1203007-01 FB20 [Liquid]	Sampled 03/06/12 14:	00 Centra	l		
ABN Glycols	4/3/12	18	03/13/12 14:00		
1203007-02 HW61 [Liquid]	Sampled 03/06/12 15	:42 Centr	al		
ABN Glycols	4/3/12	18	03/13/12 15:42		
1203007-03 HW61-P [Liqui			itral		
ABN Glycols	4/3/12 مام	18	03/13/12 16:00		
1203007-04 HW61z [Liquid			ral		
ABN Glycols	4/3/12	18	03/14/12 15:42		

EPA Region 6 Laboratory

Sample Log In/Corrective Action Form

Site Name: DIMOCK K	esidential G	rov	udwater		Date Received: _3	-8				
Project Number/Work Order Number	er (Number of Samples [i.e. 0	1 - 10]):	125F07	3/1	203007(01-	04)	Time Received:	9:	00	_
Number of Coolers:			•	,						
Delivered By:	Fed Ex Airborne		USPS		Hand Delivered		UPS		Other	
Ice Chest Custody Seal:	Intact		Not-Intact		Absent		Not Applicable			
Ice Chest Packing:	Ice		Vermiculite		Zip Lock Bags		Bubble Wrap		Other	
Condition of Samples:	Intact		Leaking		Broken					
Sample Custody Seals:	Intact		Not Intact		Absent					
Chain of Custody:	Present		Absent							
Sample Tags:	Present		Absent						<u> </u>	ŀ
Is the Sample Tag Marked for Chemical Preservation (if required):	Yes		No		Not Applicable					
Is the Sample Tag Marked with the correct chemical preservation? (if required):	Yes		No		Not Applicable	/				
Comments:										,
Initial: Date	:: <u>3-8-12</u>									
Project Officer (PO):		:	Phone #:				•			
Notified PO of any discrepancies/pro	oblems on(Date)	by _	(Initial)						÷, ÷	

DIM0200957

DIM0200963

Page 1 of 1

USEPA CLP Generic COC (LAB COPY)

DateShipped: 3/7/2012 CarrierName: FedEx
AirbillNo: 7981 4076 7688

CHAIN OF CUSTODY RECORD

Case #: CT5928

No: 3-030712-111413-0253

Lab. EPA R6 Laboratory Lab Contact: Christy Warren Lab Phone: 2819832137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
FB20	Aqueous/	Grab	Ethylene Glycol, Ethylene Glycol	19242 (-NA- / 40mlGlassVial), 19243 (-NA- / 40mlGlassVial) (2)	FB20	03/06/2012 14:00	
HW61	Drinking Water/	Grab	Ethylene Glycol, Ethylene Glycol	19172 (-NA- / 40mlGlassVial), 19173 (-NA- / 40mlGlassVial) (2)	HW61	03/06/2012 15:42	
HW61-P	Drinking Water/	Grab	Ethylene Glycol, Ethylene Glycol	19216 (-NA- / 40mlGlassVial), 19217 (-NA- / 40mlGlassVial) (2)	HW61-P	03/06/2012 16:00	
HW61z	Drinking Water/	Grab	Ethylene Glycol, Ethylene Glycol	19198 (-NA- / 40mlGlassVial), 19199 (-NA- / 40mlGlassVial) (2)	HW61	03/06/2012 15:42	
	-						
			· ·			-	

	1		Shipment for Case Complete? N
Special Instructions:			Samples Transferred From Chain of Custody #
			·
Analysis Key		•	

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
8		3/7/10	Isaph	3/8/2	9:10						
		,	-		-						
			. *								

Sample Temp: 4°C

(304) 230-1230

MONTROSE, PA 18801

Origin ID: BGMA

Sample Management

TechLaw Inc

63 PENNFIELD RD

BILL SENDER

SHIP TO: (281) 983-2137 **Christy Warren** U.S. EPA Region 6 Laboratory 10625 FALLSTONE RD SAMPLE CONTROL CENTER HOUSTON, TX 77099

Ship Date: 07MAR12 ActWgt: 10.0 LB CAD: 8747913/INET3250

Delivery Address Bar Code



Ref#

Invoice # PO# Dept#

TRK#

0201

THU - 08 MAR A2 PRIORITY OVERNIGHT

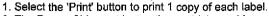
> **ASR** 77099

TX-US IAH

XH SGRA

7981 4076 7688





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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY **Region 6 Laboratory**

10625 Fallstone Rd, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

WORK ORDER

Printed: 3/9/2012 11:26:10AM

1203012

U.S. EPA, Region 6 ATTN: Christy Warren

Client: R6 Regional Support

Project: Dimock Residential Groundwater Site

Project Manager: Christy Warren

Project Number: 12SF073

Report To:

R6 Regional Support

Cynthia Caporale (3EA21)

10625 Fallstone Road

Houston, TX 77099 Phone: (281) 983-2100 Fax: (281) 983-2248

GPRA Code:

Cerclis Number:

Site Spill ID:

Date Due:

03/30/12 15:00 (15 day TAT)

Received By:

Isaiah Harris

Date Received:

03/09/12 09:30

Logged In By:

Christy Warren

Date Logged In:

Prelim results ASAP. Final hardcopy TAT = 21 days

03/09/12 09:32

Samples Received at:

Yes Package Custody Seal

Sample Tags

Preserved

On Ice

Yes

Chain of Custody Yes

Yes No

Intact Yes Sample Custody Seals No

Analysis	Due	TAT	Expires	Comments	
1203012-01 FB21 [Liquid] Sampled 03/08/12 13:3	88 Central	l		
ABN Glycols	3/30/12	15	03/15/12 13:38		
1203012-02 HW50 [Liqui	d] Sampled 03/08/12 15	:09 Centr	al		
ABN Glycols	3/30/12	15	03/15/12 15:09		
					· · · · · · · · · · · · · · · · · · ·

z Wanen

Page 1 of 1

DIM0200966 DIM0200957

EPA Region 6 Laboratory

Sample Log In/Corrective Action Form

Site Name: Dimock Ke	esidential Gro	und	water	y-	Date Received: 3 ~	9-	12		
Project Number/Work Order Number	r (Number of Samples [i.e. 0	1 - 10]):	125F073/	120	3012 (01-02)		Time Received: _	9:	30
Number of Coolers:			, , , , , , , , , , , , , , , , , , ,				•		
Delivered By:	Fed Ex Airborne		USPS		Hand Delivered		UPS	T	Other
Ice Chest Custody Seal:	Intact		Not-Intact		Absent		Not Applicable		
Ice Chest Packing:	Ice		Vermiculite		Zip Lock Bags		Bubble Wrap		Other
Condition of Samples:	Intact		Leaking		Broken				
Sample Custody Seals:	Intact		Not Intact		Absent				
Chain of Custody:	Present		Absent						
Sample Tags:	Present		Absent	_					
Is the Sample Tag Marked for Chemical Preservation (if required):	Yes		No ~		Not Applicable				
Is the Sample Tag Marked with the correct chemical preservation? (if required):	Yes		No		Not Applicable	\			
Comments:	Z-9-10								-
Project Officer (PO):			Phone #:			-			
Notified PO of any discrepancies/pro	blems on(Date)	by _	(Initial)						

DIM0200967

DIM0200957

Page 1 of 1

USEPA CLP Generic COC (LAB COPY)

DateShipped: 3/8/2012 CarrierName: FedEx AirbillNo: 7981 4835 1266

CHAIN OF CUSTODY RECORD

No: 3-030812-165546-0262

Lab: EPA R6 Laboratory Lab Contact: Christy Warren Lab Phone: 2819832137

Case #: CT5928

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	For Lab Use Only
FB21	Aqueous/	Grab	Ethylene Glycol, Ethylene Glycol	18960 (-NA- / 40mlGlassVial), 18961 (-NA- / 40mlGlassVial) (2)	FB21	03/08/2012 13:38	
HW50	Drinking Water/	Grab	Ethylene Glycol, Ethylene Glycol	18999 (-NA- / 40mlGlassVial), 19000 (-NA- / 40mlGlassVial) (2)	HW50	03/08/2012 15:09	
	-	-					
					· · · · · · · · · · · · · · · · · · ·		
	-		<u> </u>				
*							
							1

Special Instructions:	Samples Transferred From Chain of Custody #
·	
Analysis Key	

Items/Reason	Relinguished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
4		3/8/12	Isaiah Harris	3/9/12	9:30						
	,										
		-									

Sample Ton P340C

From: (304) 230-1230

Origin ID: BGMA Sample Management_Dim

63 PENNFIELD RD

MONTROSE, PA 18801



J12101112190225

BILL SENDER

SHIP TO: (281) 983-2137 **Christy Warren** U.S. EPA Region 6 Laboratory 10625 FALLSTONE RD SAMPLE CONTROL CENTER **HOUSTON, TX 77099**

Ship Date: 08MAR12 ActWgt 8.0 LB CAD: 8747913/INET3250

Delivery Address Bar Code



Ref# Invoice # P0#

Dept#

0201

7981 4835 1266

FRI - 09 MAR A2 PRIORITY OVERNIGHT **ASR**

77099 TX-US IAH

XH SGRA



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Laboratory

Environmental Services Branch 10625 Fallstone Road, Houston, TX 77099 Phone: (281)983-2100 Fax: (281)983-2248

Amended Final Analytical Report

Site NameDimock Residential Groundwater Site
Sample Collection Date(s) 03/05/12 - 03/08/12
Contact Cynthia Caporale (3EA21)
Report Date 05/01/12
Project # 12SF073
Work Order(s) 1203005
1203007
1203012

Analyses included in this report:

ABN Glycols

Report Narrative

This report has been amended to correct the date of collection on sample 1203007-04 from 03/07/12 to 03/06/12.

The reporting limit for these compounds is 2 mg/L. The nominal detection limit is 0.5 mg/L. There were no compounds detected between the detection limit and the reporting limit.

On the day the samples were analyzed propylene glycol was left out of the Blank Spike (BS). Both ethylene and propylene glycol were spiked into the MS/MSD and the recoveries were acceptable. Because the MS/MSD can substitute for the BS in the method the samples were not reanalyzed. A blank and BS were reanalyzed additionally at a later date and results were acceptable. No targets were detected in the samples.

Concentrations reported in the QC have changed slightly since the draft report was issued due to a minor change in the calibration and an adjustment to the volume used for the matrix spikes determined during the final data review process.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:

Richard McMillin

Region 6 Laboratory Manager

David Neleigh

Region 6 Laboratory Branch Chief

STATES STATES

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Dimock Residential Groundwater S	Site Project Number: 128F0/3
Data Management Coordinator: Christy Warrer	\mathbf{a}
Christy Warren	5/2/12
Data Management Coordinator Signature	Date
Date Transmitted: 5/2/17	
Please have the U.S. EPA Project Manager/Offic comments or questions.	cer call the Data Management Coordinator at 3-2137 for any
Please sign and date this form below and return	it with any comments to:
Christy Warren Data Management Coordinator Region 6 Laboratory 6MD-HS	
Received by and Date	
Comments:	
The laboratory routinely disposes of samples 90 hold these samples in custody longer than 90 day	days after all analyses have been completed. If you have a need to ys, please sign below.
Signature	Date
Please provide a reason for holding:	



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
FB19	1203005-01	Liquid	3/5/12 9:36	03/07/12 09:50
HW56	1203005-02	Liquid	3/5/12 16:54	03/07/12 09:50
HW60	1203005-03	Liquid	3/5/12 12:25	03/07/12 09:50
FB20	1203007-01	Liquid	3/6/12 14:00	03/08/12 09:00
HW61	1203007-02	Liquid	3/6/12 15:42	03/08/12 09:00
HW61-P	1203007-03	Liquid	3/6/12 16:00	03/08/12 09:00
HW61z	1203007-04	Liquid	3/6/12 15:42	03/08/12 09:00
FB21	1203012-01	Liquid	3/8/12 13:38	03/09/12 09:30
HW50	1203012-02	Liquid	3/8/12 15:09	03/09/12 09:30

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559

Page 1 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Fax:(281)983-2248 Phone:(281)983-2100

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203005-01

Station ID: FB19

Batch: B2C0702

Sample Type: Liquid

Date Collected: 03/05/12

Sample Vol: 1ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	ti	. II	11
						kws

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559

Page 2 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203005-02

Station ID: HW56

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/05/12 Sample Vol: 1ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	Ŭ		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	u	11	11
					. •	lave

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559

Page 3 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203005-03

Station ID: HW60

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/05/12 Sample Vol: 1ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	11	**	

kws

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559 Page 4 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203007-01

Station ID: FB20

Batch: B2C0702 Sample Type: Liquid

Date Collected: 03/06/12 Sample Vol: 1ml

Sample Qualifiers:

Targets

Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
U		2.0	1	03/09/12	03/09/12
Ŭ		2.0	"	Ħ	H
			mg/L Qualifiers Limit U 2.0	mg/L Qualifiers Limit Dilution U 2.0 1	mg/L Qualifiers Limit Dilution Prepared U 2.0 1 03/09/12

KWS

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203007-02

Station ID: HW61

Batch: B2C0702

Sample Type: Liquid

Date Collected: 03/06/12

Sample Vol: 1ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	11	11	It
						kws

KWS

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203007-03

Station ID: HW61-P

Batch: B2C0702

Date Collected: 03/06/12 Sample Vol: 1ml

Sample Qualifiers:

Sample Type: Liquid San

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	· U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	tt	11	11
					•	1

Kw2

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203007-04

Station ID: HW61z

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/06/12

Sample Vol: 1ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	ıı	11	11
		. •				kws

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203012-01

Station ID: FB21

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/08/12

Sample Vol: 1ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	11	17 .	. "
- '						1-11-0

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203012-02

Station ID: HW50

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/08/12

Sample Vol: 1ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U	w seed	2.0	ır	11	11
						kwe

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS - Quality Control

Batch: B2C0702 Sample Type: Liquid

Blank (B2C0702-BLK1)

Prepared: 3/9/2012 Analyzed: 3/9/2012

Targets

ANALYTE		Analyte Reporting Qualifiers Limit		
Propylene glycol	U	2.0	•	
Ethylene glycol	U	2.0		

Blank (B2C0702-BLK2)

Prepared: 3/14/2012 Analyzed: 3/14/2012

Targets

ANALYTE		Analyte Reporting Qualifiers Limit	
Propylene glycol	U	2.0	
Ethylene glycol	U	2.0	

LCS (B2C0702-BS1)

Prepared: 3/9/2012 Analyzed: 3/9/2012

Targets

ANALYTE		Analyte Reporting Qualifiers Limit		%REC %REC Limits
Ethylene glycol	53.0	2.0	50.0	106 70-130

LCS (B2C0702-BS2)

Prepared: 3/14/2012 Analyzed: 3/14/2012

Targets

ANALYTE	Result An mg/L Qua	alyte Reporting llifiers Limit	Spike Level	%REC	%REC Limits
Propylene glycol	50.6	2.0	50.0	101	70-130
Ethylene glycol	58.0	2.0	50.0	116	70-130

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS - Quality Control

Batch: B2C0702 Sample Type: Liquid

Matrix Spike (B2C0702-MS1)

Source: 1203005-02

Prepared: 3/9/2012 Analyzed: 3/9/2012

Targets

ANALYTE	Result mg/L		Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	-
Propylene glycol	55.7	. •	2.0	66.7		83.6	70-130	-
Ethylene glycol	67.6		2.0	66.7		101	70-130	

Matrix Spike Dup (B2C0702-MSD1)

Source: 1203005-02

Prepared: 3/9/2012 Analyzed: 3/9/2012

Targets

ANALYTE	Result mg/L	Analyte Reporting Qualifiers Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Propylene glycol	53.7	2.0	66.7		80.6	70-130	3.61	30
Ethylene glycol	67.5	2.0	66.7		101	70-130	0.08	30

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

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Sample # Ma	Katrix Sampler	Spirite Spirite	Analysis:Turnaround	TayPracerutureBodius	Station Location	Collected	For Late Use Only
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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

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Sample F	Matricesampler	Method	Analysis	ลักสรุรเสาในกลายแหล์	\$1.1	Tag:Preservative:Bottles	o Bottles	Station Location		Collected	For Lab Use Only	o Use
F820	Accessor Accessor	Quay.	Elyese Cyr.	Elyese Skyck, Elyese Olycol	ī.	19242 (-(4-7) ADMIGHESVAI), 19249 (-(4)-7) / 40midhesVai), (2)	\$-1 9243 (4/h a)(2)	5820	jš	00829E 14.00	ļ	
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Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559 Page 14 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

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Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559 Page 15 of 16

SENTED STATES : DO STATES OF SENTED STAT

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Notes and Definitions

A This sample was extracted at a single acid pH.

HTS Sample was prepared and/or analyzed past recommended holding time. Concentrations should be

considered minimum values.

AES Atomic Emission Spectrometer

CVAA Cold Vapor Atomic Absorption

ECD Electron Capture Detector

GC Gas Chromatograph

GFAA Graphite Furnace Atomic Absorption

ICP Inductively Coupled Plasma

MS Mass Spectrometer

NA Not Applicable

NPD Nitrogen Phosphorous Detector

NR Not Reported

TCLP Toxicity Characteristic Leaching Procedure

U Undetected

Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds *per* square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.

Report Name: 1203005,1203007,1203012 FINAL 05 01 12 1559

Page 16 of 16

LIMS Final Report Checklist

Project Name: Dimóck Residential Groundwa						
Project Number: 125Fo73						
Work Order Numbers: 1203005, 1203007, 1203012						
Report Format: R6 Chem (31).rpt						
To correct the date of collection on sample 1203007-04 from 3/7/12 to 3/6/12.						
	Yes	No	N/A			
1. Is the site name correct on the printed report?	/		. •			
2. Is the Project Number correct on the printed report?						
Are the sample collection dates correctly printed on the report?						
4. Is the correct contact person printed on the report?						
5. Are the Work Order Number(s) correct on the printed report?						
6. Are the correct Work Orders included in the report?						
7. Are the Station IDs correct on the printed report?						
8. Is all appropriate sample data printing on the report?						
9. Is all of the case narrative printing on the report?						
10. Did all of the pages of the report print? Are they all numbered? P16 0616	V					
11. If TCEQ parameters were requested has the transfer file been stored in the LIMS and is the data printing correctly on the final report?						
12. Has the EDD been created and saved?	V					
13. Has the PDF of the final report been created and saved?						

Reviewed By: 🗘	motzu)	ane	<u> </u>	,	 Date:	Hau:	S/ ₁ /	12
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Laboratory

Environmental Services Branch 10625 Fallstone Road, Houston, TX 77099 Phone: (281)983-2100 Fax: (281)983-2248

Amended Final Analytical Report

Site NameDimock Residential Groundwater Site
Sample Collection Date(s) 03/05/12 - 03/08/12
Contact Cynthia Caporale (3EA21)
Report Date04/04/12
Project # 12SF073
Work Order(s) 1203005
1203007
1203012

Analyses included in this report:

ABN Glycols

Report Narrative

This report has been amended to correct the units in the case narrative from ug/L to mg/L.

The reporting limit for these compounds is 2 mg/L. The nominal detection limit is 0.5 mg/L. There were no compounds detected between the detection limit and the reporting limit.

On the day the samples were analyzed propylene glycol was left out of the Blank Spike (BS). Both ethylene and propylene glycol were spiked into the MS/MSD and the recoveries were acceptable. Because the MS/MSD can substitute for the BS in the method the samples were not reanalyzed. A blank and BS were reanalyzed additionally at a later date and results were acceptable. No targets were detected in the samples.

Concentrations reported in the QC have changed slightly since the draft report was issued due to a minor change in the calibration and an adjustment to the volume used for the matrix spikes determined during the final data review process.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:

Richard McMillin

Region 6 Laboratory Manager

David Neleigh
Region 6 Laboratory/Branch Chief

A SECULATION OF SECURATION OF SECURATION OF SECURATION OF SECURITION OF

Please provide a reason for holding:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Dimock Residential Groundwater Site	Project Number: 12SF073
Data Management Coordinator: Christy Warren Data Management Coordinator Signature	4/5/12— Date
Date Transmitted: 4/5/12	
Please have the U.S. EPA Project Manager/Officer call comments or questions.	I the Data Management Coordinator at 3-2137 for any
Please sign and date this form below and return it with	any comments to:
Christy Warren Data Management Coordinator Region 6 Laboratory 6MD-HS	
Received by and Date	
Comments:	
The laboratory routinely disposes of samples 90 days a hold these samples in custody longer than 90 days, pleater	after all analyses have been completed. If you have a need to ase sign below.
Signature	Date

WINTED STATES - DHEEP NORTH PROTECTION

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
FB19	1203005-01	Liquid	3/5/12 9:36	03/07/12 09:50
HW56	1203005-02	Liquid	3/5/12 16:54	03/07/12 09:50
HW60	1203005-03	Liquid	3/5/12 12:25	03/07/12 09:50
FB20	1203007-01	Liquid	3/6/12 14:00	03/08/12 09:00
HW61	1203007-02	Liquid	3/6/12 15:42	03/08/12 09:00
HW61-P	1203007-03	Liquid	3/6/12 16:00	03/08/12 09:00
HW61z	1203007-04	Liquid	3/7/12 15:42	03/08/12 09:00
FB21	1203012-01	Liquid	3/8/12 13:38	03/09/12 09:30
HW50	1203012-02	Liquid	3/8/12 15:09	03/09/12 09:30

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203005-01

Station ID: FB19

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/05/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
U		2.0	1	03/09/12	03/09/12
U		2.0	11	n	n
			mg/L Qualifiers Limit U 2.0	mg/L Qualifiers Limit Dilution U 2.0 1	mg/L Qualifiers Limit Dilution Prepared U 2.0 1 03/09/12

kws

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532 Page 2 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203005-02

Station ID: HW56

Batch: B2C0702

Sample Type: Liquid

Date Collected: 03/05/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	**	11	II
•						lave

KWS

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532 Page 3 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Fax:(281)983-2248 Phone:(281)983-2100

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203005-03

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/05/12 Sample Volume: 1 ml

Sample Qualifiers:

Station ID: HW60

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	11	11	"
						lanca

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532 Page 4 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203007-01

Station ID: FB20

Batch: B2C0702

Date Collected: 03/06/12 Sample Type: Liquid Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	II	**	11
, , , ,						kws

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532 Page 5 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203007-02

Station ID: HW61

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/06/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	n	11	ij
						kws

KWS

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532 Page 6 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203007-03

Station ID: HW61-P

Batch: B2C0702

Sample Type: Liquid

Date Collected: 03/06/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	11	11	. 11
						kws

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532

Page 7 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203007-04

Station ID: HW61z

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/07/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	"	II.	11
						kws

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203012-01 Station ID: FB21

Batch: B2C0702

Date Collected: 03/08/12 Sample Type: Liquid Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	Ħ.	11	11
						kws

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

1203012-02 Lab ID:

Station ID: HW50

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/08/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2,0		IT	11
						kws

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532 Page 10 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS - Quality Control

Batch: B2C0702 Sample Type: Liquid

Blank (B2C0702-BLK1)

Prepared: 3/9/2012 Analyzed: 3/9/2012

Targets

ANALYTE	Result A mg/L Q	Analyte Reporting ualifiers Limit	
Propylene glycol	U	2.0	
Ethylene glycol	U	2.0	

Blank (**B2C0702-BLK2**)

Prepared: 3/14/2012 Analyzed: 3/14/2012

Targets

ANALYTE	Result mg/L (Analyte Reporting Qualifiers Limit	
Propylene glycol	U	2.0	
Ethylene glycol	U	2.0	

LCS (B2C0702-BS1)

Prepared: 3/9/2012 Analyzed: 3/9/2012

Targets

ANALYTE		nalyte Reporting alifiers Limit		%REC %REC Limits
Ethylene glycol	53.0	2.0	50.0	106 70-130

LCS (B2C0702-BS2)

Prepared: 3/14/2012 Analyzed: 3/14/2012

Targets

ANALYTE	Result mg/L	Analyte Reporting Qualifiers Limit	Spike Level	%REC %REC Limits
Propylene glycol	50.6	2.0	50.0	101 70-130
Ethylene glycol	58.0	2.0	50.0	116 70-130

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS - Quality Control

Batch: B2C0702 Sample Type: Liquid

Matrix Spike (B2C0702-MS1)

Source: 1203005-02

Prepared: 3/9/2012 Analyzed: 3/9/2012

Targets

ANALYTE	Result mg/L	Analyte Reporting Qualifiers Limit	Spike Level	Source Result	%REC	%REC Limits	
Propylene glycol	55.7	2.0	66.7		83.6	70-130	
Ethylene glycol	67.6	2.0	66.7		101	70-130	

Matrix Spike Dup (B2C0702-MSD1)

Source: 1203005-02

Prepared: 3/9/2012 Analyzed: 3/9/2012

Targets

	Result	Analyte Reporting	Spike	Source		%REC		RPD
ANALYTE	mg/L	Qualifiers Limit	Level	Result	%REC	Limits	RPD	Limit
Propylene glycol	53.7	2.0	66.7		80.6	70-130	3.61	30
Ethylene glycol	67.5	2.0	66.7		101	70-130	0.08	30

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532 Page 12 of 16

OSHAN TO STATE OSHAN

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Case # C79826 Cast Analyse ff unavous Tay Preservative Boltes Santon Collects Cast Analyse ff unavous Tay Preservative Boltes Cast Cas	200 200 200	11.5					B	Lab: EPA R6 Laboratory
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Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532 Page 13 of 16



No: 3-030712-111413-0253

CHAIN OF CUSTODY RECORD

USEPA CLP Generic COC (LAB COPY)

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

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Sample #	Matrix/Sampler	Coll.	Analysis	Anatysis/Tumaround	IngPreservative Betters	Setties	Station	Collected	For Lab Use Only	25
FBZ	Aqueeus	480	Ellylette Glyd	Ellyses Signal Ellyses Grass	19242 HNA- 40m/Cessavial 19243 (HN 40m/Gessavial) (2)	20 (Mil.)	TES.	30/86/202 (4.6)		
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Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532 Page 14 of 16

DIM0201006

CAN PROTECTOR

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

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DIM0201007

MAN PROTECTOR

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Notes and Definitions

A This sample was extracted at a single acid pH.

HTS Sample was prepared and/or analyzed past recommended holding time. Concentrations should be

considered minimum values.

AES Atomic Emission Spectrometer

CVAA Cold Vapor Atomic Absorption

ECD Electron Capture Detector

GC Gas Chromatograph

GFAA Graphite Furnace Atomic Absorption

ICP Inductively Coupled Plasma

MS Mass Spectrometer

NA Not Applicable

NPD Nitrogen Phosphorous Detector

NR Not Reported

TCLP Toxicity Characteristic Leaching Procedure

U Undetected

Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds per square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.

Report Name: 1203005,1203007,1203012 FINAL 04 04 12 1532

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LIMS Final Report Checklist

Project Name: Dimock Residential Grounds	water	_	
Project Number: 125F073			***************************************
Work Order Numbers: 1203005, 1203007, 1203012			
Report Format: R6 Chem (30). rpt			
Amended Report to correct units in case narrative from usll to mg/L.			
	Yes	No	N/A
Is the site name correct on the printed report?	/		
2. Is the Project Number correct on the printed report?	V		
3. Are the sample collection dates correctly printed on the report?	V		
4. Is the correct contact person printed on the report?	\		
5. Are the Work Order Number(s) correct on the printed report?	\		
6. Are the correct Work Orders included in the report?			
7. Are the Station IDs correct on the printed report?	1		
8. Is all appropriate sample data printing on the report?	V		
9. Is all of the case narrative printing on the report?	1		
10. Did all of the pages of the report print? Are they all numbered? Plboble	V		
11. If TCEQ parameters were requested has the transfer file been stored in the LIMS and is the data printing correctly on the final report?		=	-
12. Has the EDD been created and saved?	V		
13. Has the PDF of the final report been created and saved?			

Reviewed By: Chwith	Waren	,	Date:	13/12
\mathcal{O}				



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Laboratory

Environmental Services Branch 10625 Fallstone Road, Houston, TX 77099 Phone: (281)983-2100 Fax: (281)983-2248

Final Analytical Report

Site NameDimock Residential Groundwater Site
Sample Collection Date(s) 03/05/12 - 03/08/12
ContactCynthia Caporale (3EA21)
Report Date03/30/12
Project # 12SF073
Work Order(s)1203005
1203007
1203012

Analyses included in this report:

ABN Glycols

Report Narrative

The reporting limit for these compounds is 2 ug/L. The nominal detection limit is 0.5 ug/L. There were no compounds detected between the detection limit and the reporting limit.

On the day the samples were analyzed propylene glycol was left out of the Blank Spike (BS). Both ethylene and propylene glycol were spiked into the MS/MSD and the recoveries were acceptable. Because the MS/MSD can substitute for the BS in the method the samples were not reanalyzed. A blank and BS were reanalyzed additionally at a later date and results were acceptable. No targets were detected in the samples.

Concentrations reported in the QC have changed slightly since the draft report was issued due to a minor change in the calibration and an adjustment to the volume used for the matrix spikes determined during the final data review process.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:

Richard McMillin

Region 6 Laboratory Manager

David Neleigh

Region 6 Laboratory Branch Chief

STATED STATED LESS BE DE LESS BE

Please provide a reason for holding:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Dimock Residential Groundwater Site	Project Number: 12SF073
Data Management Coordinator: Christy Warren Data Management Coordinator Signature	3 30 1 2
Date Transmitted: 3/30/12-	
Please have the U.S. EPA Project Manager/Officer comments or questions.	call the Data Management Coordinator at 3-2137 for any
Please sign and date this form below and return it w	/ith any comments to:
Christy Warren Data Management Coordinator Region 6 Laboratory 6MD-HS	
	<u></u>
Received by and Date	
Comments:	
The laboratory routinely disposes of samples 90 day hold these samples in custody longer than 90 days,	ys after all analyses have been completed. If you have a need to please sign below.
Signature	Date



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
FB19	1203005-01	Liquid	3/5/12 9:36	03/07/12 09:50
HW56	1203005-02	Liquid	3/5/12 16:54	03/07/12 09:50
HW60	1203005-03	Liquid	3/5/12 12:25	03/07/12 09:50
FB20	1203007-01	Liquid	3/6/12 14:00	03/08/12 09:00
HW61	1203007-02	Liquid	3/6/12 15:42	03/08/12 09:00
HW61-P	1203007-03	Liquid	3/6/12 16:00	03/08/12 09:00
HW61z	1203007-04	Liquid	3/7/12 15:42	03/08/12 09:00
FB21	1203012-01	Liquid	3/8/12 13:38	03/09/12 09:30
HW50	1203012-02	Liquid	3/8/12 15:09	03/09/12 09:30

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203005-01

Station ID: FB19

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/05/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U	•	2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	11	н	Ħ

kws

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335 Page 2 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203005-02

Station ID: HW56

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/05/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U.		2.0	11	*1	11
	·					truce

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Fax:(281)983-2248 Phone:(281)983-2100

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

1203005-03 Lab ID:

Station ID: HW60

Batch: B2C0702

Sample Type: Liquid

Date Collected: 03/05/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	н .	H	11
						kws

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335 Page 4 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Fax:(281)983-2248 Phone:(281)983-2100

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203007-01

Station ID: FB20

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/06/12

Sample Volume: 1 ml Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	n.	n	11
*						leuro

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203007-02

Station ID: HW61

Batch: B2C0702

Sample Type: Liquid

Date Collected: 03/06/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	Ŭ		2.0	II.	11	11
						kwe

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335 Page 6 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203007-03

Station ID: HW61-P

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/06/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U·		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U.		2.0	ıı	**	Ħ
						leuro

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203007-04

Station ID: HW61z

Batch: B2C0702 Sample Type: Liquid

Date Collected: 03/07/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	U		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	Ŭ		2.0	"	11	IT
						laves

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203012-01

Station ID: FB21

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/08/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
U		2.0	1	03/09/12	03/09/12
U		2.0	**	11	. "
			mg/L Qualifiers Limit U 2.0	mg/L Qualifiers Limit Dilution U 2.0 1	mg/L Qualifiers Limit Dilution Prepared U 2.0 1 03/09/12

kws

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS

Lab ID: 1203012-02

Station ID: HW50

Batch: B2C0702 Sample Type: Liquid Date Collected: 03/08/12 Sample Volume: 1 ml

Sample Qualifiers:

Targets

Analyte (CAS Number)	Result mg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Propylene glycol (57-55-6)	Ŭ		2.0	1	03/09/12	03/09/12
Ethylene glycol (107-21-1)	U		2.0	11	H	11
						kwe

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS - Quality Control

Batch: B2C0702 Sample Type: Liquid

Blank (B2C0702-BLK1)

Prepared: 3/9/2012 Analyzed: 3/9/2012

Targets

ANALYTE	Result Ar mg/L Qua	nalyte Reporting alifiers Limit	
Propylene glycol	U	2.0	
Ethylene glycol	U	2.0	

Blank (B2C0702-BLK2)

Prepared: 3/14/2012 Analyzed: 3/14/2012

Targets

ANALYTE	Result Ar mg/L Qua	nalyte Reporting alifiers Limit	
Propylene glycol	Ŭ	2.0	
Ethylene glycol	U	2.0	·

LCS (B2C0702-BS1)

Prepared: 3/9/2012 Analyzed: 3/9/2012

Targets

ANALYTE		Analyte Reporting Qualifiers Limit	Spike Level	%REC %REC Limits	
Ethylene glycol	53.0	2.0	50.0	106 70-130	

LCS (B2C0702-BS2)

Prepared: 3/14/2012 Analyzed: 3/14/2012

Targets

ANALYTE	Result mg/L	Analyte Reporting Qualifiers Limit	Spike Level	%REC %REC Limits
Propylene glycol	50.6	2.0	50.0	101 70-130
Ethylene glycol	58.0	2.0	50.0	116 70-130

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Glycols by Direct Aqueous Injection Modified 8270 - GC/MS - Quality Control

Batch: B2C0702 Sample Type: Liquid

Matrix Spike (B2C0702-MS1)

Source: 1203005-02

Prepared: 3/9/2012 Analyzed: 3/9/2012

Targets

ANALYTE	Result mg/L	Analyte Reporting Qualifiers Limit	Spike Level	Source Result	%REC	%REC Limits	
Propylene glycol	55.7	2.0	66.7		83.6	70-130	
Ethylene glycol	67.6	2.0	66.7		101	70-130	

Matrix Spike Dup (B2C0702-MSD1)

Source: 1203005-02

Prepared: 3/9/2012 Analyzed: 3/9/2012

Targets

ANALYTE	Result mg/L	Analyte Reporting Qualifiers Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Propylene glycol	53.7	2.0	66.7		80.6	70-130	3.61	30
Ethylene glycol	67.5	2.0	66.7		101	70-130	0.08	30

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335 Page 12 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

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Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335 Page 13 of 16



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

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CHANGE OF A PROTECTION

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Notes and Definitions

A This sample was extracted at a single acid pH.

HTS Sample was prepared and/or analyzed past recommended holding time. Concentrations should be

considered minimum values.

AES Atomic Emission Spectrometer

CVAA Cold Vapor Atomic Absorption

ECD Electron Capture Detector

GC Gas Chromatograph

GFAA Graphite Furnace Atomic Absorption

ICP Inductively Coupled Plasma

MS Mass Spectrometer

NA Not Applicable

NPD Nitrogen Phosphorous Detector

NR Not Reported

TCLP Toxicity Characteristic Leaching Procedure

U Undetected

Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds *per* square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.

Report Name: 1203005,1203007,1203012 FINAL 03 30 12 1335 Page 16 of 16

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LIMS Final Report Checklist

Project Name: Dimock (Residential	Groundu	ater	,	
Project Number: 128F073					
Work Order Numbers: 1203005,120	3007,10030	12			
Report Format: R6Chem ((29).rpt				
			Yes	No	N/A
1. Is the site name correct on the printed report?			~		
2. Is the Project Number correct on the printed report	1?		~		
3. Are the sample collection dates correctly printed or	n the report?		V		
4. Is the correct contact person printed on the report?	?				
5. Are the Work Order Number(s) correct on the print	ted report?		~		
6. Are the correct Work Orders included in the report	?		/		
7. Are the Station IDs correct on the printed report?			V		
8. Is all appropriate sample data printing on the repor	rt?		/		
9. Is all of the case narrative printing on the report?			/		
10. Did all of the pages of the report print? Are they	all numbered?	P160616	/		
11. If TCEQ parameters were requested has the tran- LIMS and is the data printing correctly on the final rep		red in the			V
12. Has the EDD been created and saved?			//		
13. Has the PDF of the final report been created and	saved?				

Reviewed By:_	Chrysta	Waver	D	ate: 3/2	29/12	
	()					

U.S. EPA Region 6 Laboratory Lab Manager Review Checklist

SITE NAME:	<u></u>		•	Project #	125F073
Diniock Residential	/ 2 l	W.		Work Ord Date Rev	125F073 er#: 120305, 67, 4/2 iew Started: 3/30/12
Items Reviewed					Comments
	N/A	Yes	No	Fixed	throw the second
1. FINAL REPORT					
A. Cover Page Narrative					
1. Electronically Reviewed?		1	- sussisiúi		
2. Format / structure OK?		<u></u>			
3. Consistency / Readability OK?		1			
4. Content OK?		0		hipern I	
5. Quality issues addressed OK?		<u> </u>			
6. Narrative issues have data Qualifiers?					
7. Other OK?		1			
B. Sample Listing Page				AND STATE	
Number of Sample reports match?		<u></u>			
2. Match the COC request OK?		-		Politica	,
Station ID's present for all samples?					
3. Dates / matrix appear OK?			Control of the contro	remarks to the second s	
C. Analytical Results				Section 5	
1. Format / Readability OK?				MARIANE VIEW VIEW VIEW VIEW VIEW VIEW VIEW VIE	
2. Sample size / dilutions make sense?				And A Desiry Control of the Control	W/A except ms/MSD
3. Reporting limits OK and match result?				The service of the se	7 77 77
4. Unusual results addressed in narrative?		-			
5. Qualifiers OK / addressed in narrative?				A SAME AND	
6. Other OK?				Mate I	
D. Quality Control				a profession and	
Surrogate Problems addressed / OK?	G P				
Organic - Air	1		7		
Organic - VOA					·
Organic - ABN				"Carver Corre	
Organic - Pest/PCB			KINGS		
Organic - Herbicide	\top		THE RESERVE OF THE PROPERTY OF	a com	
2. Lab Blank Issues addressed / OK?	, Ł				
Organic - Air					
Organic - VOA	\top			And the second s	
Organic - ABN - DI Glypols				gament variables of the second	
Organic - Pest/PCB	1				

Version 2.7

SITE NAME:					Project#	t .
			na.		Work Ord Date Rev	der #: iew Started:
Organic - Herbicide	T	1				
lnorganic - GFAA		T				. ,
Inorganic - ICP		T				
Inorganic - ICP/MS	Ī	T			Tanada and American	
Inorganic - Hg		T				
EPA Wet Chems						
Other?						
3. LCS Problems addressed / OK?					der Supp der 2	
· Organic - Air						
Organic - VOA						
Organic - ABN - DI Clyus						ms/msD ok.
Organic - Pest/PCB		1				,
Organic - Herbicide		T				
Inorganic - GFAA		T			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Inorganic - ICP		Π				
Inorganic - ICP/MS						
Inorganic - Hg						
EPA Wet Chems					a e de la composición	
Other?				The second secon		
4. Matrix Spike Problems addressed / OK?						
Organic - Air		T	.:			·
Organic - VOA					The state of the s	
Organic - ABN - DI Colyels			~			
Organic - Pest/PCB		1			#*************************************	
Organic - Herbicide						
Inorganic - GFAA	-	T				
Inorganic - ICP		Π			eti o are segueltidi	
Inorganic - ICP/MS						
Inorganic - Hg				100 100 100 100 100 100 100 100 100 100		
EPA Wet Chems				FYOLOGICAL AND		
Other?				**************************************		
5. Other Control Issues addressed / OK?						
Biology					p solven	
t-test criteria ok?		1				
Wilcoxon criteria ok?		Τ				
mortality matches?		Π				·
wet chems ok?				AND THE PROPERTY OF THE PROPER	HILLIAN TO THE TOTAL TO THE TOT	
Other				7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		

SITE NAME:				Project #	t:		
				Work Ord Date Rev	ler #: riew Started:		
E. Project Manager Review Issues							
Prep Holding times addressed / OK?			rosene				
Analytic Hold Times addressed / OK?			10.15	age like			
Dates make sense?							
Important Issues addressed / OK?							
F. Comments Section							
Important Comments addressed / OK?							
G. LIMS Issues							
LIMS functions OK?		-	niaco.				
2. COC Cursory Review OK?							
3. Work Order Cursory Review OK?							
4. Bench Sheets/Work Sheets Cursory Review OK?							
5. Check Lists Cursory Review OK?							
6. Log Book Copies Cursory Review OK?							
7. CORRECTIVE ACTION INITIATED?							
8. LIMS Sign-off?							
GENERAL COMMENTS:							
SIGNATURE: Julian MM/	ll	/ ~	١	DATE Co	ompleted: _	3/30/1	1
*Grey shaded areas indicate action is needed.						,	

Sample Log-In Peer Review Checklist

Site Name: Dimock Residential	Proje	ect Nu	ımber:	125F073	
Groundwater	Work	Orde	r Numl	bers: 1203005, 1203	a
Are the following items in the report folder?	Yes	No	N/A	Comments 012	
Chain of Custody	V				
Shipping Airbill	V				
Work Order	V				
Sample Log In/Corrective Action Form	/				
Is the Chain of Custody Signed to accept custody of samples?	V				
Did the Chain of Custody reflect samples which were scheduled?					
Were any discrepancies noted on the Sample Log In/Corrective Action Form?		V			
Are the samples logged into the LtMS correctly?	V			. ,	; I
Are the samples on the Status Report?	/	,			
Are the samples deleted from the sample expected list on the Status Report?					
Is the Site Information on the Work Order correct?	V				
Are the samples logged into the Project and Sample Log In Logbooks?	V				
larrative/Comments:					
	. · <u> i</u>				
					ē
CC-POC Signature: CMOtzWauer	<u> </u>	 Dat	e:_3/	15/12	

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